

Converting Colors

YUV(205.6610, -39.2729,
43.2703)

Have a look what the booklet for
YUV(205.6610, -39.2729, 43.2703)
contains.

YUV(205.6610, -39.2729, 43.2703)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(205.6610, -39.2729,
43.2703)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC47E
RGB	255, 196, 126
RGB Percent	100%, 77%, 49%
CMY	0.0000, 0.2314, 0.5059
CMYK	0.00, 0.23, 0.51, 0.00
HSL	33°, 100%, 75%
HSV	33°, 51%, 100%
XYZ	64.7458, 62.2462, 28.3409
YIQ	205.6610, 57.6340, -9.2620

Conversions

Conversions Part 2

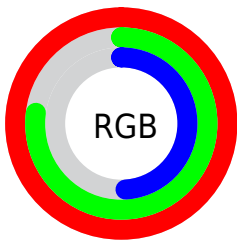
Format	Color
R_{YB}	235, 255, 126
Decimal	16761982
CIE Lab	83.04, 13.03, 43.07
CIE LCh	83, 44.996, 73.172
Yxy	62.2462, 0.4168, 0.4007
Android (android.graphics.Color)	4294952062 (0xFFFFC47E)
YUV	205.6610, -39.2729, 43.2703
Hunter-Lab	78.8963, 8.4166, 33.9294

Details

The YUV color $205.6610, -39.2729, 43.2703$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $175.3390, 39.2729, -43.2703$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.2760, -32.1811, 8.5279$, and $150.5080, -37.2254, 39.8965$ is the 20% darker color. If you saturate the color by 10%, you get $195.7670, -46.7201, 51.9473$, and if you desaturate by 10%, it is $215.6690, -31.3888, 34.4933$.

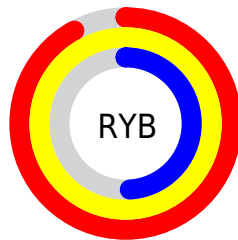
Distribution



Red (100%)

Green (77%)

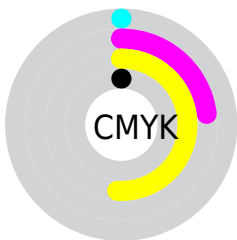
Blue (49%)



Red (92%)

Yellow (100%)

Blue (49%)

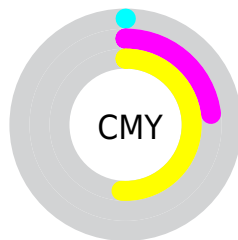


Cyan (0%)

Magenta (23%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.6610, -39.2729, 43.2703 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 205.6610, -39.2729, 43.2703 by changing the saturation by 10% instead.

205.6610,
-39.2729, 43.2703

205.6610,
-39.2729, 43.2703

255.0000, 0.0000,
0.0000

177.8780,
-38.3939, 41.3260

245.2760,
-32.1811, 8.5279

150.5080,
-37.2254, 39.8965

249.6420,
-20.5295, 4.6990

124.4260,
-36.1990, 37.3374

252.8340, -8.2992,
1.8996

98.2300, -35.6094,
34.8783

73.6920, -36.3302,
32.7191

52.1180, -25.6942,
27.9605

31.7180, -15.6370,

22.1723

■ 9.8670, -4.8644,
20.2876

■ 0.0000, 0.0000,
0.0000

■ 205.6610,
-39.2729, 43.2703

■ 205.6610,
-39.2729, 43.2703

■ 195.7670,
-46.7201, 51.9473

■ 215.6690,
-31.3888, 34.4933

■ 186.3460,
-54.8936, 60.2096

■ 224.9760,
-23.6522, 26.3310

■ 176.3380,
-62.7776, 68.9866

■ 234.9840,
-15.7681, 17.5540

■ 166.4440,
-70.2249, 77.6636

■ 244.8780, -8.3209,
8.8770

■ 157.2510,
-77.5247, 85.7259

254.2990, -0.1474,
0.6148

255.0000, 0.0000,
0.0000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



200.2930, -24.3014, 47.9780



205.6610, -39.2729, 43.2703



201.8760, -38.8859, 12.3867

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205.6610, -39.2729, 43.2703



173.5280, 25.3757, -112.7191



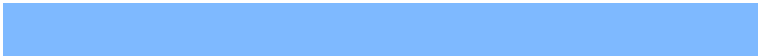
210.2780, 22.0479, 21.6812

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



205.6610, -39.2729, 43.2703



175.3390, 39.2729, -43.2703

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



201.7300, 26.2621, -23.4422



205.6610, -39.2729, 43.2703



161.7320, 45.9811, -141.8390

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



205.6610, -39.2729, 43.2703



188.8550, -3.8725, -64.7708



186.9360, 33.5556, -76.2429



206.5920, 12.5261, 42.4538

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205.6610, -39.2729, 43.2703



198.5570, -31.8266, -11.8895



186.9360, 33.5556, -76.2429



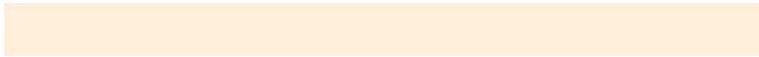
207.8310, 23.2543, 8.0412

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



205.6610, -39.2729, 43.2703



240.6890, -11.6787, 12.5507



171.4110, 7.1924, 73.3076



118.9210, -6.8631, 7.9623



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



205.6610, -39.2729, 43.2703



195.5390, -47.5937, 52.1473



239.0980, -55.7573, 10.4381



122.9960, -3.9420, 4.3885



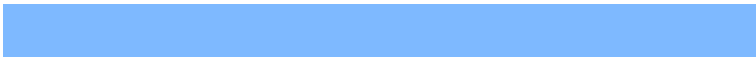
118.1570, -58.2514, 63.8833



39.6810, -19.5627, 21.3278

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



175.3390, 39.2729, -43.2703



159.0480, 47.3043, -52.6621



141.9020, 55.7573, -10.4381



120.0040, 3.9420, -4.3885



72.8430, 58.2514, -63.8833



24.3190, 19.5627, -21.3278

Previews

White Background



This preview shows how the YUV color 205.6610, -39.2729, 43.2703 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 205.6610, -39.2729, 43.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

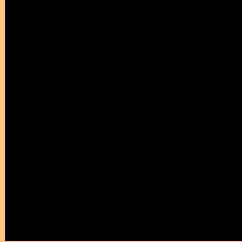
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 205.6610, -39.2729, 43.2703

Background



This preview shows how black text looks on a background with the YUV color 205.6610, -39.2729, 43.2703.



This preview shows how white text looks on a background with the YUV color 205.6610, -39.2729, 43.2703.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

205.6610, -39.2729, 43.2703

Protanopia

203.9030, -36.4342, 19.3791

Deuteranopia

205.6390, -39.2620, 39.7816



Tritanopia

210.8030, -4.3399, 38.7608

Trichromacy



Original Color

205.6610, -39.2729, 43.2703

Protanomaly

204.7300, -37.3349, 28.3008

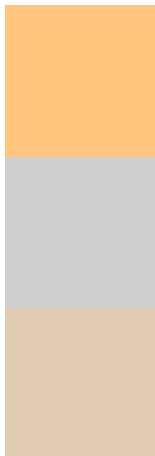
Deuteranomaly

205.3510, -39.1200, 40.9112

Tritanomaly

208.7850, -17.1490, 40.5306

Monochromacy



Original Color

205.6610, -39.2729, 43.2703

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.7280, -14.1629, 16.0245

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.6610, -39.2729, 43.2703 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 196, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 126)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 196, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 126) }
```

Border

The CSS property to change the border of an element to YUV 205.6610, -39.2729, 43.2703 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 196, 126) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 196, 126) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 196, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 205.6610, -39.2729, 43.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 126) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
196, 126) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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